

1. A telephone controller controlling a plurality of telephones connected to the Internet via a LAN (Local Area Network), said telephone controller comprising:

a memory in which a table indicating a correspondence between Ids (Identifier) of the plurality of telephones and the private IP addresses is stored; and

wherein the ID includes a domain name of said telephone controller and identification information.

3. The telephone controller according to claim 1 wherein said control circuit notifies the allocated IP address to the telephone.

4. The telephone controller according to claim 1 wherein the

1 5. The telephone controller according to claim 1 wherein said
2 memory stores therein a table indicating a correspondence among
3 the ID, private IP address, extension telephone number, and user
4 name.

1 7. The telephone controller according to claim 4 wherein said
2 table is updated in response to a request from the telephone.

1 9. The telephone controller according to claim 1, further
2 comprising a transfer circuit which transfers information
3 stored in said table to some other telephone controller.

1 ~~10~~. A telephone communication unit composed of a LAN connected
2 to the Internet, telephone controllers communicating each other
3 via the LAN, and a plurality of telephones, wherein
4 each of said telephone controllers comprises:

5 an IP address allocating circuit which allocates a
6 private IP address to each of said plurality of telephones;

7 a memory in which a table indicating a correspondence
8 between IDs and identification of said plurality of telephones
9 and said private IP addresses is stored; and

10 a control circuit which controls communication between
11 said plurality of telephones and the Internet using the private
12 IP addresses, and

13 wherein each of said plurality of telephones includes an
14 input circuit which receives the ID and the identification
15 information and sends the ID and the identification information
16 received from said input circuit to said telephone controller.

17 11. The telephone communication unit according to claim 10
18 wherein said control circuit extracts the identification
19 information from the ID received via the Internet, searches said
20 table with the identification information to obtain the private
21 IP address, and executes communication between a telephone to
22 which the private IP address is allocated and the Internet.